

We claim:

1. A collagen deployment assembly, comprising:
a tube;
the tube adapted to deliver and deploy a collagen;
at least one perforation; and
the at least one perforation contained on the tube to allow the collagen being delivered and deployed to wet prior to deployment.
2. The assembly according to claim 1, wherein the tube comprises a carrier tube.
3. The assembly according to claim 1, wherein the tube comprises a bypass tube.
4. The assembly according to claim 1, wherein the at least one perforation comprises a hole.
5. The assembly according to claim 1, wherein the at least one perforation comprises a slot.
6. The assembly according to claim 1, wherein the at least one perforation comprises a plurality of perforations.

7. The assembly according to claim 6, wherein the plurality of perforations comprise a combination of slots and holes.

8. The assembly according to claim 6, wherein the plurality of perforations comprise a predefined pattern.

9. The assembly according to claim 1, wherein the tube comprises a distal end and a proximate end; and

the at least one perforation comprises at least one slot arranged at the distal end of the tube and at least one hole arranged between the at least one slot and the proximate end of the tube.

10. The assembly according to claim 1, comprising at least one membrane, the at least one membrane for covering the at least one perforation.

11. A collagen deployment assembly, comprising:
a tube;
the tube adapted to deliver and deploy a collagen;
means for wetting adapted to allowing a solution to wet the collagen prior to deployment.

12. The closure device according to claim 11, wherein the means for wetting is at least one perforation.

13. The closure device according to claim 11, wherein the means for wetting is at least one hole.

14. The closure device according to claim 11, wherein the means for wetting is at least one slot.

15. A vascular closure device, comprising:
a collagen;
a tube;
at least a part of the collagen resides in the tube; and
at least one perforation in the carrier tube to allow the collagen to be wetted prior to deployment.

16. The vascular closure device according to claim 15, wherein the tube is a carrier tube.

17. The vascular closure device according to claim 15, wherein the tube is a bypass tube.

18. The vascular closure device according to claim 15, wherein the at least one perforation is at least one of a hole and a slot.

19. The vascular closure device according to claim 15, wherein the at least one perforation has at least one shape.

20. The vascular closure device according to claim 19, wherein the at least one shape comprises at least one of a triangle, a circle, a square, a rectangle, a trapezoid, and an ellipse.